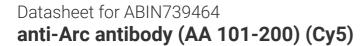
antibodies -online.com







Publication



Go to Product page

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Quantity:	100 μL
Target:	Arc
Binding Specificity:	AA 101-200
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arc antibody is conjugated to Cy5
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARC	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Predicted Reactivity:	Cow,Horse,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	Arc
Alternative Name:	ARC/Arg3.1 (Arc Products)
Background:	Synonyms: Arg3.1, Activity-regulated cytoskeleton-associated protein, ARC/ARG3.1, Activity-

regulated	gene 3.1	protein	homolog.	ARC, KIAA278
regarated	90110 0.1	protein	1101110109,	7 (1 (0), 1 (1) (1 (2) (

Background: Required for consolidation of synaptic plasticity as well as formation of long-term memory. Regulates endocytosis of AMPA receptors in response to synaptic activity. Required for homeostatic synaptic scaling of AMPA receptors (By similarity). Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration.

Gene ID:

23237

UniProt:

Q7LC44

Application Details

Application Notes: FCM 1:20-100

For Research Use only

Handling

Restrictions:

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:

Atluri, Kanthikeel, Reddy, Yndart, Nair: "Human synaptic plasticity gene expression profile and dendritic spine density changes in HIV-infected human CNS cells: role in HIV-associated neurocognitive disorders (HAND)." in: **PLoS ONE**, Vol. 8, Issue 4, pp. e61399, (2013) (PubMed).